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ONTARIO GUIDELINES FOR CLASSIFICATION OF PESTICIDE
PRODUCTS, 1989.



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ONTARIO GUIDELINES FOR CLASSIFICATION OF PESTICIDE PRODUCTS

PESTICIDES ADVISORY COMMITTEE

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Environment
Ontario

Jim Bradley
Minister

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May 1989

ONTARIO GUIDELINES FOR

CLASSIFICATION OF PESTICIDES PRODUCTS

Ontario's Pesticides Act and Regulation 751, administered by the Ministry of the Environment, prohibits the sale and use of a pesticide product unless it is registered under the federal Pest Control Products Act and classified in one of the schedules of the Ontario Regulation; or is exempt from classification.

Pesticide products are classified into six schedules in Regulation 751 on the basis of their toxicity, environmental or health hazard, persistence of the active ingredient or its metabolites, concentration, usage, federal class and registration status. This classification system provides the basis for regulating the distribution, availability and use of pesticide products in Ontario.

Products initially recommended for classification are usually first given "interim status" (ref s 20 (1) of the Regulations). These products are **proposed** by the Minister for inclusion in a schedule to Regulation 751, and the **proposal** is published in The Ontario Gazette. Under the Regulations, an interim status product has virtually the same status as a fully classified product, as to its sale, transport, and use.

"Interim status" continues for 18 months or less, during which time a review is made, and a recommendation as to continuation in "interim status" for another period, removal from classification, or change in status to "full" classification.

The review of "interim status" products classified over the previous 12 months is conducted in the fall of the year, in time to enter products as "full" classification at the year end Regulation change. Registrants may be asked to provide additional information to assist in this review. The product can then be included by the Minister in a schedule to Regulation 751 and published in The Ontario Gazette. A list of products having "full" provincial status is also published by the Hazardous Contaminants Co-Ordination Branch in a book entitled Index of Agent Codes, which is revised annually.

The procedure followed in classifying new pesticide products is as follows:

1. Registrants are required to provide the Ontario Pesticides Advisory Committee with a completed and signed

application form for classification, the federal certificate of registration, approved label and supporting information.

All applications for classification must be submitted to the Chairman, Ontario Pesticides Advisory Committee, Ministry of the Environment.

2. The Committee meets monthly and routinely recommends how a product should be classified. The Minister makes the final decision on product classification.

Notice of proposed scheduling of products that have been approved by the Minister of the Environment will be regularly published in The Ontario Gazette as "interim status" products.

The Pesticides Advisory Committee does not advise the applicant of its recommendation to the Minister nor of his decision. Notification of classification (ie publication in The Ontario Gazette) is made by the Hazardous Contaminants Co-ordination Branch through letter to the registrant.

3. Once the notice has been published in the Ontario Gazette, a pesticide product can be legally sold, used, stored, displayed or transported provided it is treated as being in the schedule specified in the notice. It normally takes 7-13 weeks from the time the Committee receives a submission to the date the Minister's decision is gazetted.
4. The "interim status" of products remains in effect until:
 - a. the product is placed in a schedule to Regulation 751 by a regulatory amendment.
 - b. eighteen months have passed since the listing was published in The Ontario Gazette; or
 - c. a revocation of the listing is published in The Ontario Gazette;
5. The "interim status" of a product will be reviewed within eighteen months of publication in The Ontario Gazette and the product will be considered for placement in one of the six schedules to Regulation 751.
6. A product which has been placed in a schedule to Regulation 751 retains this classification (ie has "full"

classification) until changed or revoked.

Where a classified product is transferred (viz change in registrant or agent), renamed, granted expanded registered uses, or has otherwise been amended, contact the Pesticides Section of the Ministry regarding procedure to have these changes recorded. This may also apply to packaging and formulation changes.

**SOURCES OF INFORMATION ON THE SCHEDULE
OF A PESTICIDE**

For information concerning pesticides and their classification or use, please contact:

**The Pesticides Section,
Hazardous Contaminants Co-ordination Branch,
Ministry of the Environment,
Suite 100, 135 St. Clair Avenue West,
Toronto, Ontario, M4V 1P5,**

Telephone: (416-323-5095)

**CLASSIFICATION CRITERIA FOR
FEDERALLY REGISTERED PRODUCTS**

A pesticide product cannot be classified in Ontario without being federally registered. Proof of registration is the certificate of registration.

Under the Pest Control Products Act, a product may be identified on the front panel of the approved label as Domestic, Industrial, Agricultural, Manufacturing Concentrate, etc; these are federal classes. The Pesticides Advisory Committee will consider the federal class of the product in its review of the submission for classification but there is no direct correlation between the federal class of a product and the provincial schedules. The Pesticides Act allows Ontario to be more restrictive than the federal government, but not less restrictive.

**CLASSIFICATION CRITERIA FOR PRODUCTS CLASSIFIED
"RESTRICTED" UNDER THE PEST CONTROL PRODUCTS ACT**

Where a pesticide product is submitted for classification under the Pesticides Act, and contains an active ingredient or a mixture of active ingredients acceptable under Schedule 3 or 6 but carries a federal label exclusively "Restricted" under The PCP Act, that product will be classified in a schedule no less restrictive than Schedule 2.

**CLASSIFICATION CRITERIA FOR PRODUCTS GRANTED
TEMPORARY REGISTRATION UNDER THE PCP ACT**

Where a product is submitted for classification under the Pesticides Act, and the end use formulation and/or the technical active ingredient have a federal registration that is temporary, that product will be normally classified in no less restrictive a schedule than Schedule 2. Where the information required by the federal authorities is exclusively efficacy, a more lenient schedule may be considered.

EXEMPTIONS FROM CLASSIFICATION
UNDER THE PESTICIDES ACT

Section 108(1) of the Regulations exempts from Ontario classification mechanical devices that do not utilize a scheduled pesticide or other chemical.

Section 108(2) of the Regulations exempts from Ontario classification some federally registered pesticide products which are used solely in the extermination of microorganisms. The Pesticides Advisory Committee may consider whether a product of this type should be classified. In the event a registrant is unsure a product is exempt, application for classification may be filed.

The requirement for classification as set out in section 21 of the Regulations applies to pesticides used in exterminations and not to pesticides used for other purposes, such as manufacturing processes. In addition the pesticide must first be registered under the federal Pest Control Product Act; therefore some items containing pesticides but which are not considered to be pesticides themselves such as paints, some soaps, wallpaper adhesives, etc are not subject to classification.

REVIEW OF PREVIOUSLY CLASSIFIED PESTICIDE PRODUCTS

Technical active ingredients and end-use products are reviewed from time to time as additional scientific and technical information become available. During such reviews manufacturers may be requested to provide additional information on a technical active ingredient or end-use product. Reclassification of end-use products to more restrictive or less restrictive schedules may result, or they may remain in their original schedules. Where a Registrant desires a product review for the purpose of reclassification an application for classification must be provided with an explanation under Item 24 that this product is already scheduled but reconsideration is requested. Pertinent support documentation should accompany the application.

REMOVAL FROM CLASSIFICATION

Maintenance of a product in an Ontario schedule, for legal sale and use is related to the federal registration status. Agriculture Canada may remove a product from registration through cancellation, suspension, discontinuation and non-eligibility for renewal at the next renewal period (every 5 years). In response to such a federal action, or on the basis of provincial concerns, the Minister may take action to remove the product from a schedule. He may also ask the registrant to recall stock at the wholesale and retail levels or maintain a product in a schedule for a period of time after federal action to allow the retail and consumer supplies to become exhausted (provided federal action permits).

Where Ontario proposes to declassify a product in such circumstances, registrants are notified and provided an opportunity to comment within a 2-3 week period. Where the registrant has been alerted that declassification is proposed and plans to reinstate registration at the federal level, Ontario will remove the product from the schedule until the federal requirements are satisfied, and an application for classification is processed.

SCHEDULES

Schedule 1

Pesticides * in this schedule can only be used under the authority of a licence and permit unless exempt. Sale of Schedule 1 pesticides is allowed only through wholesale vendors and holders of Class 1 retail vendor licences. A record must be kept of each sale.

Schedule 1 includes: Pesticides that pose a serious hazard to human health and/or the environment. For example:-

- a) pesticides that are persistent and/or give rise to persistent metabolites that produce undesirable side effects on humans or other nontarget organisms either by acute or chronic toxicity.
- b) pesticides exhibiting acute oral LD₅₀ values for formulated product of less than 50 mg/kg body weight.
- c) pesticides exhibiting acute dermal LD₅₀ values for formulated product of less than 100 mg/kg body weight.
- d) pesticides which through their mode of action may inflict unnecessary suffering to pest vertebrate animals.

* The term pesticides includes technical active ingredients, manufacturing concentrates and enduse formulations.

Schedule 2

Pesticides in this schedule are restricted to use by agriculturists, licensed exterminators and registered custom sprayers. Sales are permitted through wholesale vendors and holders of Class 1 and Class 2 retail vendor licences. Sales records must be kept.

Schedule 2 includes: Pesticides that pose a hazard to human health and/or the environment. For example:-

- a) pesticides that are moderately persistent in the environment (biologically active for greater than 1 season) or have a potential to move from the site of application either thorough leaching or volatilization.
- b) pesticides exhibiting acute oral LD₅₀ values for formulated product of greater than 50 mg/kg; but less than 500 mg/kg body weight.
- c) pesticides exhibiting acute dermal LD₅₀ values for formulated product of less than 1000 mg/kg body weight.
- d) pesticides that are registered for direct application to forests, and/or aquatic habitats.

Schedule 3

Pesticides in this schedule are available to agriculturists, licensed exterminators, registered custom sprayers and the general public in accordance with uses described on the product labels. Sales are permitted through wholesale vendors and holders of Class 1, Class 2 or Class 3 retail vendor licences. Sales records are not required.

Schedule 3 includes: Pesticides which are minimally hazardous to human health and/or the environment if used according to recommended procedure.

Pesticides in Schedule 3 do not pose a problem when containers are disposed of in municipal garbage. Products having an Agricultural, Industrial, or Domestic federal classification may be placed in this schedule. For example:-

- a) organic pesticides that are short-lived and do not produce hazardous metabolites.
- b) those inorganic pesticides that present a minimal environmental hazard.
- c) pesticides exhibiting acute oral LD₅₀ values for formulated product of greater than 500 mg/kg; but less than 5000 mg/kg body weight.
- d) pesticides exhibiting acute dermal LD₅₀ values for formulated product of less than 10,000 mg/kg body weight.

Schedule 4

Pesticides in this schedule are those that can safely be handled by any type of retail outlet. Wholesalers are required to have a wholesale vendor licence or a limited wholesale vendor licence but no vendor licence is required at the retail level.

Schedule 4 includes: Pesticides that are relatively innocuous to human health and/or the environment.

Pesticides in Schedule 4 must carry a federal Domestic class. The maximum package content must not exceed 1 kilogram (weight) or 1 litre (volume). **All containers must be inspected and approved** by the Pesticides Advisory Committee. (See packaging guidelines, Table 3). For example:-

- a) pesticides that are formulated in very low concentrations and exhibit acute oral LD₅₀ values for formulated product of greater than 5000 mg/kg body weight, and acute dermal LD₅₀ values of greater than 10,000 mg/kg body weight.

Schedule 5

Pesticides in this schedule are limited to agricultural use, and are restricted to use by agriculturists, appropriately licensed land exterminators, or registered custom sprayers. Sales are permitted only through wholesale vendors and holders of Class 1 retail vendor licences. A record must be kept of each sale.

Schedule 5 includes: Pesticides that pose a serious hazard to human health and/or the environment.

Products in Schedule 5 have federal classes of Commercial, Agricultural or Restricted, and would normally be scheduled in Schedule 1, but for the lack of effective and less hazardous alternatives. For example:-

- a) pesticide exhibiting acute oral LD₅₀ values for formulated product of less than 50 mg/kg body weight.
- b) pesticides exhibiting acute dermal LD₅₀ values for formulated product of less than 100 mg/kg body weight.
- c) formulated products that have high inhalation toxicities at normal temperatures.

Schedule 6

Pesticides in this schedule are of similar formulation (same actives, same concentrations) to those in Schedule 4, but are sold in containers larger than 1 kilogram in weight or 1 litre in volume. Sale of Schedule 6 pesticides may be made by holders of wholesale or limited wholesale vendor licences, and by holders of Class 1, Class 2 or Class 3 retail vendor licences. Sales records are not required.

Schedule 6 includes: Pesticides that are relatively innocuous to human health and/or the environment and carry federally approved Agricultural, Industrial, Commercial or Domestic labels.

Schedule 6 pesticides include products packaged in sizes greater than 1 kilogram (weight) or 1 litre (volume) or do not meet the Schedule 4 container packaging guidelines.

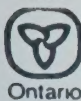
APPLICATIONS FOR CLASSIFICATION OF NEW PESTICIDE PRODUCTS

All applications for classification must be submitted to the:

Chairman
Ontario Pesticides Advisory Committee
Ministry of the Environment
Suite 100, 135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5

A sample application for classification follows.

If any of the information required to complete the application form is not available, the applicant should contact the Pesticides Advisory Committee.



INSTRUCTION FOR APPLICATION FOR PESTICIDE CLASSIFICATION

Type or print clearly.

1. **TRADE NAME** - The name as on the federal certificate of registration.

2. **TYPE** -Insecticide, herbicide, rodenticide, as on the federal certificate of registration.

3. **FORMULATION** -Emulsifiable concentrate, wettable powder, solution, granular, etc., as on the Agriculture Canada, Product Specification form.

4. **ACTIVE INGREDIENT** - The ISO accepted common name for the active ingredient.

5. **A.I. CODE** - The three letter code assigned to the active ingredient by Agriculture Canada.

6. **GUARANTEE** - On the approved label, as g/L or percentage.

7. **REGISTRANT** - The three letter code, the full company name, address and postal code as on the certificate of registration.

8. **AGENT** - The three letter code, the full company, name address and postal code as on the federal certificate of registration.

9. **APPLICANT** - Name and address of company or person applying for classification if other than the registrant or Canadian agent.

10. **PCP #.** - The registration number granted under the federal Pest Control Products Act.

11. **EXPIRY DATE** - As on the federal certificate of registration, and TEMPORARY, if applicable.

12. **FEDERAL CLASSIFICATION** - Domestic, commercial, agricultural, industrial, restricted, manufacturing concentrate, etc., as on the approved label.

13. **USE AREA** - Crops or other uses for which the product is registered, i.e., cats & dogs; cereals; in and around poultry houses, dog kennels; etc.

14. **PEST** - The target pests per the approved label.

15. For products registered federally under the PRIVATE LABEL system, complete as indicated.

16. **PRODUCT CHEMISTRY** - Include information on composition, storage stability, safety precautions, decontamination procedures, and emergency procedures. Material Safety Data Sheets (MSDS) or Workman Hazardous Material Information System summary sheets (WHMIS) may be appended, in lieu of completing this section.

17. **TYPE AND SIZE OF CONTAINER** - Describe ALL sizes and types. Sample containers must be provided for products for which schedule 4 is requested.

18. **FORMULATION TOXICOLOGY** - Summary of the toxicology of the exact product proposed for classification, including acute effects. If none, submit information on the technical or intermediate/ concentrate from which the product is made. Substitute information should be clearly identified as such. The value of the reports should be accurate, i.e., Acute oral LD 50 rats = 3,600 mg/kg; acute inhalation LC 50 (4 hrs) rats = 3.6 ml/L air (equivalent to 56 g/L a.i.), etc.

19. **ENVIRONMENTAL CHEMISTRY** - Summary of the fate of product in the environment. If unavailable, explain.

20. **ENVIRONMENTAL TOXICOLOGY** - Summary of the fish and wildlife toxicology studies conducted with the formulated product. If unavailable, explain.

21. **SOURCE** - The reference of the source of information provided in items 18, 19, 20.

22. **FOOD RESIDUES** - The residue levels (and units) permitted by Health and Welfare Canada for each food crop on the label.

23. **ANALYTICAL METHOD** - Brief description of the method of residue analysis and level of sensitivity.

24. **COMMENT** - Describe the schedule requested, and other information that may be pertinent, i.e. references to other products containing the same formulation already classified.

APPLICANT'S SIGNATURE - An authorized signing officer must sign the declaration certifying that the information provided is true and complete.

IMPORTANT - THE FOLLOWING MUST BE SUBMITTED:

a) Supporting documentation: MSDS; summaries of product specific toxicology, and where necessary, authorization for use, source, and copies of external (third party) information supporting the registration.

For end use products that contain a newly registered active ingredient, information is to be provided in accordance with Table 1 on the Ontario Guidelines for Classification of Pesticide Products.

For pesticide/fertilizer products, information should be provided in accordance with Table 2 of the above guidelines.

b) Reasons for registration category if federal class is restricted, or the federal status is temporary.

c) **FIVE (5) copies of the FEDERALLY APPROVED LABEL.**

d) **A COPY OF THE CERTIFICATE OF REGISTRATION MUST BE INCLUDED WITH THIS APPLICATION.**

Return application to:

Ontario Pesticides Advisory Committee,
Ministry of the Environment
Suite 100, 135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5

APPLICATION FOR PESTICIDE CLASSIFICATION
Under the Pesticides Act, Revised Statute of Ontario
1980, and Regulations Type or print clearly

1. Trade Name:

2. Type:

3. Formulation:

4. Active Ingredient 5. A.I. Code 6. Guarantee

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. Registrant:

8. Agent:

9. Applicant: (if different from above)

10. PCP# :

11. Expiry Date:

12. Fed Class:

13. Use Area:

14. Pest:

15. FOR PRIVATE LABEL REGISTRATIONS:
INITIAL REGISTRANT:

INITIAL PRODUCT NAME:

INITIAL PRODUCT PCP#:

16. Product Chemistry:

17. Type and Size of Container:

18. Formulation Toxicology:

19. Environmental Chemistry:

20. Environmental Toxicology:

21. Source:

22. Food Residues: (MRLs - maximum residue levels-
as determined by Health and Welfare Canada) :

23. Analytical Method:

24. Comment:

The Committee reserves the right to request additional
data on the active ingredient/s or other constituents in the
product.

In compliance with the Ontario Pesticides Act, applica-
tion is hereby made for classification of a pesticide as
outlined on this application and supporting documenta-
tion. It is certified that the information is true and complete.

Applicants Signature:

Print Name:

Company Name:

Date:

=====

FOR MINISTRY USE:

A.I. Ranking: Code Concentration Schedule

Comment:

Suggested Schedules Number Rationale

- a.
- b.
- c.

OPAC Recommendation:

Date:

(OPAC May 19/89)

TABLE 1.

**SCIENTIFIC AND/OR TECHNICAL INFORMATION REQUIRED FOR A NEW
TECHNICAL ACTIVE INGREDIENT TO SUPPORT CLASSIFICATION OF THE
END-USE PRODUCT**

Please provide three copies of the following:

1. Name and address of manufacturer.
2. Name and address of registrant (if different from above).
3. Name and address of Canadian Agent (if applicable).
4. Copy of the Data Base Index.
5. Material Safety Data Sheet and/or Technical Data Sheet.
6. Chemistry (Pure and Technical Active Ingredient).
 - a) physical and chemical properties and chemical structure.
 - b) copies of analytical methods suitable for measuring parent and relevant metabolites that might occur in agricultural and environmental substrates.
7. Summaries of the following banks of studies on the technical active ingredient.
 - a) Toxicology (Acute, short-term, long-term and special). These data should include the L_{50} values, units, animal species tested, identity of the test substance and the slope of the dose response curve from which it is derived.
 - b) Metabolism (Mammals, plants, pharmacokinetics, and other studies).
 - c) Environmental Chemistry (Physicochemical properties of technical active, including photodegradation, hydrolysis; Octanol/water partition co-efficient. Aerobic and Anaerobic degradation; Soil Metabolism; Terrestrial and aquatic dissipation and accumulation; Storage, disposal and decontamination.)
 - d) Environmental Toxicology (Birds and mammals; aquatic organisms; non-target invertebrates).

8. Residues: i) Maximum residue limits (MRLs) as determined by Health & Welfare Canada and units for each food crop.
 ii) Analytical method used for the above.
9. Certificate of registration of the technical active.
10. The Committee reserves the right to request additional information.

NOTE: If summaries of the above studies are not available, the applicant should contact the Pesticides Advisory Committee.

TABLE 2.

INFORMATION REQUIRED TO CLASSIFY END-USE FERTILIZER -
PESTICIDE PRODUCTS

The following information is to be provided on the application for classification, used normally for formulated pesticide products.

1. Applicant's name and address.
2. Registrant's name and address (if different from above).
3. Canadian Agent's name and address (if applicable).
4. Five typewritten copies of federally approved label. (Please do not send fertilizer bags.)
5. Federal Fertilizer Act registration number and/or Pest Control Product Registration number(s) AND TRADE NAMES of pesticide product(s) used in the formulated mix and Ontario SCHEDULE of each pesticide product in the mix.
6. Guarantee of the ingredients in the fertilizer/pesticide.
7. Type and size of containers.
8. Confirmation that this fertilizer/pesticide product conforms with the federal **Fertilizer Compendium**.
9. The Committee reserves the right to request additional information on the active ingredient/s or other constituents in the product.

CRITERIA FOR CLASSIFYING
FERTILIZERS CONTAINING PESTICIDES

Fertilizers containing one pesticide active ingredient

Fertilizers containing only one pesticide active ingredient will be classified according to the classification for that active ingredient.

Fertilizers containing more than one pesticide active ingredient

- a) Except as described in (b) below, fertilizers containing two or more pesticide active ingredients will not be accepted for regular classification and will be classified under Schedule 1.
- b) Fertilizers containing two or more herbicides that are complementary for the control of a similar group of weeds will be classified according to the total percentage of all active ingredients present, e.g. 2,4-D, mecoprop, dicamba for broad leaf weed control in turf grass.

TABLE 3.

PACKAGING CRITERIA FOR SCHEDULE 4 PESTICIDE PRODUCTS ONLY

1. INITIAL QUALIFICATION

All products must carry a federally approved "Domestic" label, and must meet Schedule 4 active ingredient classification guidelines.

2. MAXIMUM CONTENT

Maximum package content must NOT EXCEED 1 kilogram by weight or 1 litre by volume. In order to be approved in Sch 4 containers MUST BE SUBMITTED to the Pesticides Advisory Committee for inspection and approval.

3. SHAKER OR SIFTER CAN DISPENSERS

All shaker-can dispensers used in packaging pesticide products must have an approved device for reclosure.

4. PRESSURIZED DISPENSERS

Every pressurized spray dispenser used in packaging pesticide products must have a cap, locking device or seal, so as to prevent accidental activation during transit, storage and display.

5. FOLDING PAPER BOARD CARTONS

Paper-board cartons may be approved when the product, if formulated as a granule, impregnated fabric, pellet, powder, particulate (e.g. rodent bait), solid, slow-release generator, tablet or wettable powder, is packaged in an acceptable inner liner (e.g. plastic or foil liner).

6. PLASTIC BAGS OR POUCHES

Plastic bags or pouches used to package rodent baits must be sufficiently strong to prevent accidental spillage during transit, storage and display, and must be packaged in an outer display carton. Individual bags or pouches, or those which, in the opinion of the Committee, could be easily torn, will not be approved.

7. GLASS BOTTLES

Glass bottles shall not be used for packaging Schedule 4 pesticides if, in the opinion of the Committee, such containers can be easily shattered or broken during transit, storage and display.

8. PAPER BAGS

No paper bags will be allowed in Schedule 4.

9. OTHER LIMITATIONS

Where, in the opinion of the Committee, a pesticide container can be mistaken for a food or toy container, the product will not be permitted in Schedule 4.

10. APPROVAL OF NON-CONFORMING CONTAINERS

The Committee may approve non-conforming containers that, in its opinion, warrant special consideration due to the type of product or method of application of that product.

11. TRANSFER TO SCHEDULE 6

Domestic products containing only Schedule 4 active ingredients but not meeting the packaging requirements, will be classified under Schedule 6.

APPENDIX I:

PREVIOUSLY REVIEWED PESTICIDE ACTIVE INGREDIENTS

By common name

<u>COMMON OR CHEMICAL NAME</u>	<u>CODE</u>	<u>USE</u>
1,2-ethanediol	ETA	ADJ
2,3,4,5-bis(2 butylene)tetra-hydro-2-furfural	MGB	Misc
2,4-D acids, amines and salts	DXB	H
2,4-D acids, amines and salts	DXA	H
2,4-D H.V. esters	DXE	H
2,4-D L.V. esters	DXG	H
2,4-D L.V. esters	DXF	H
2,4-DB butyl ester	DPB	H
2,4-xyleneol	XAY	F
2,4,5-T amine	TXB	H
2,4,5-T H.V. esters	TXE	H
2,4,5-T L.V. esters	TXF	H
2-hydroxyethyl N-octyl sulfide	MGH	Misc
3 chloro-1,2 propanediol	CPD	Rod
4-aminopyradine	AMP	VP
4-chlorophenoxy acetic acid	CPA	PGR
acephate	ACP	I
acetic acid	ACA	Misc
acrolein	ACL	H
aldicarb	ADC	I
aldrin	ALD	I, WP
allyl alcohol	AAL	H, F
alphachloralose	ALS	Rod
aluminum phosphide	APL	I, Rod
aminocarb	AMC	I
amitrole	AMI	H
ammonia	AOH	VP
ammonium methyl arsonates	AMA	H
ammonium sulphamate	AMS	H
ancymidol	ANC	PGR
anilazine	DYR	F
anthracene oil	ANH	WP
antimycin	ANR	VP
asphalt solids	ASP	F
asulam	ASM	H
atrazine	ATR	H
auramine	AUR	F
azinphos-methyl	GOO	I
Bacillus thurigiensis Berliner var kurstaki	BTB	I
Bacillus thurigiensis serotype H-14	BTH	I
barban	BAR	H
benazolin	BEN	H
bendiocarb	BDC	I

benfluralin
benomyl
bensulide
bentazon
benzene
benzoic acid
benzoylprop-ethyl
bone oil
borax
boracic acid
borax anhydrous
borax pentahydrate
brodifacoum
bromacil
bromadiolone
bromoxynil
butoxypoly-propylene glycol
butylate
cadmium chloride
cadmium sebacate
capasaicin
captafol
captan
carbaryl
carbathiin
carbendazim-phosphate
carbofuran
carbon disulphide
carbon tetrachloride
carbophenthion
chinomethionat
chlofenvinphos
chlopropham
chloramben
chlordan
chlorfenac
chlorflurecol methyl
chlorinated C3 hydrocarbons
chlormequat
chloroneb
chlorophacinone
chloropicrin
chloropicrin
chlorothalonil
chloroxuron
chlorpyrifos
chlorsulfuron
chlorthal dimethyl
cholecalciferol
chromic acid

BAL H
BML F
BET H
BZN H
BZE I
BZA ADJ
BZP H
BON VP
BNS I, F, WP
BOA I
BNA WP
BNP H
BRF Rod
BBU H
BRM Rod
BRY H
BPG I
SUT H
CDD F
CDS F
CAS IR, VP
DFT F
CAP F
CAB I
VIT F
MBD F
CAF I
CAD I
CTC I
CPR I
MOR I
CFV I
CIP H
CHA H
CLD I, WP
FNC H
CFM PGR
DSF F
CCC PGR
CNB F
CHP Rod
CPN F, H, I
CPN Rod, WP
TET F
CLX H
DUB I
CSL H
CHL H
CGO Rod
CRO WP

cittowet
 clofentazine
 coal tar acids
 coal tar oils
 coconut diethanolamide
 copper napthenate
 copper oxide
 copper oxychloride
 copper sulphate
 copper sulphate (tribasic)
 copper, triethanolamine complex
 copper-8-guniolate
 copper, cupric hydroxide
 coumaphos
 creosote
 crotoxyphos
 crufomate
 cyanazine
 cycloate
 cycloheximide
 cypermethrin
 dalapon
 daminozide
 dazomet
 deltamethrin
 demeton
 desmedipham
 diazinon
 dicamba
 dichlobenil
 dichlofluanid
 dichlone
 dichloran
 dichlorflurecol methyl
 dichlorprop amine
 dichlorprop H.V. esters
 dichlorprop L.V. esters
 dichlorvos
 diclofop-methyl
 dicofol
 dieldrin
 dienochlor
 diethyl-m-toluamide
 difensoquat
 diflubenzuron
 dimethoate
 dimethyl alkyl
 dimethyl phthalate
 dimetilan
 dinitophenol

AYC	ADJ
CFZ	I
COA	I, WP
COO	I
COC	ADJ
CUN	WP
CUO	WP
CUY	F
CUS	F, WP, H
CUB	F
CUT	H
CUQ	WP
CUZ	F
COU	I
CRT	WP
CIN	I
RUE	I
BDX	H
ROE	H
CYC	F
CYM	I
DAL	H
DAM	PGR
DAZ	F, H
DBR	I
DEM	I
BTL	H
DIA	I
DIC	H
DCB	H
DCA	WP
DCH	F
DIK	F
DFM	ADJ
DIG	H
DIH	H
DIH	H
DVP	I
DPP	H
DCF	I
DIE	I
BPC	I
DTU	IR
AVG	H
DFB	I
DIM	I
DFA	ADJ
DMP	IR
SNP	I
DNP	WP

dinitrocresol	DNC	F
dinitrocresol sodium salt	DNC	I
dinocap	DIN	I, F
dinoseb	DNB	H
diphacinone	DPC	Rod
diphenamid	DIP	H
diphenylamine	DPA	F, I
diquat	DIQ	H
disulfoton	DIS	I
diuron	DUR	H
di-n-propyl isosinchomeronate	MDG	Misc
dodemorph-acetate	DOM	F
dodine	DOD	F
d-phenothrin	PHG	I
d-trans allethrin	ALM	I
endosulfan	ESF	I
endothal	ENT	H
endrin	END	I
eptam	EPT	H
ergocalciferol	EGO	Rod
ethalfluralin	EFR	H
ethephon	ETF	PGR
ethion	ETH	I
ethirimol	ETR	F
ethoxyquin	ETY	F
ethyl hexanedoil	EHX	IR
ethylene dibromide	EDB	I
ethylene dichloride	EDC	I
ethylene oxide	ETO	I
etridiazole	TRB	F
famphur	WAX	I
fatty alcohols, N-decanol	FAA	PGR
fatty alcohols, N-decanol & N-octanol	FAB	PGR
fenaminosulf	DEX	F
fenbutatin oxide	FBT	I
fenitrothion	FEM	I
fenoprop salts and amines	FNP	H
fenoprop H.V. esters	FNP	H
fenoprop L.V. esters	FNP	H
fenoxaprop ethyl	FPE	H
fensulfothion	FEL	I
fenthion	FET	I, VP
fentin hydroxide	FEH	F
fenvalerate	FEV	I
ferbam	FER	F
ferrous sulphate	FES	H
flamprop-methyl	FLA	H
fluazifop-butyl	FZB	H
flucythrinate	FKR	I
flurecol methyl	FCM	PGR

folpet
fonofos
formaldehyde
formetanate hydrochloride
fosamine ammonium
fumarin
glyodin
glyphosate
heptachlor
hexazinone
hydramethylon
hydrogen cyanamide
hydrogen cyanide
indole-butyric acid
iodofenphos
ioxynil
iprodione
iron naphthenate
isobormyl thiocyanacetate
isofenphos
kinoprene
lampreyicide
lead arsenate
lindane
linuron
malachite green
malathion
maleic hydrazide
mancozeb
maneb
MCPA amine salts
MCPA potassium and sodium salts
MCPA esters
MCPB sodium salt
mecoprop amine salts
mecoprop acid
mecoprop potassium salt
mefluidide
mercuric chloride
mercurous chloride
metalaxyl
metaldehyde
metam
methamidophos
methidathion
methiocarb
methomyl
methoprene
methoychlor
methyl bromide

FOL	F
DYF	I
FOR	F
FOM	I
KRE	H
FUM	Rod
GLY	F
GPS	H
HEP	I
VPR	H
ADO	I
HCY	H
HCN	I, Rod
IBA	PGR
IOJ	I
IOX	H
IPD	F
IRN	WP
THA	I
ISF	I
KPR	IGR
TFM	VP
LAR	I
LIN	I
LUN	H
MAG	F
MAL	I
MAH	PGR
MCZ	F
MAN	F
MAB	H
MAS	H
MAE	H
MBS	H
MEC	H
MEE	H
MEA	H
MFD	PGR
MCC	F
MSC	F
MTA	F
MHY	Moll
MTM	I, F, H
MOM	I
MED	I
MHB	I
MML	I
MPR	I
MET	I
MBR	H, I, F

methyl bromide
 methyl isothiocyanate
 methyl nonyl ketone
 metiram
 metobromuron
 metolachlor
 metribuzin
 mevinphos
 mineral oil
 mineral oil-herbicidal
 monolinuron
 monosodium methane arsonate
 monuron
 monuron - TCA
 mustard oil
 m-cresol
 nabam
 naled
 napropamide
 naptalam
 naphthalene acetic acid
 naphthalene animal repellent
 natural gum resins
 niclosamide
 nicotine
 nicotine animal repellent
 nonylphenoxypolyethoxyethanol
 N-octyl bicycloheptene dicarboxamide
 octylphenoxypolyethoxy ethanol
 oil of citronella
 oil of lavender
 oil of lemon grass
 Ornitrol bird chemosterilant
 oxamyl
 oxine benzoate
 oxycarboxin
 oxydemeton methyl
 oxyfluorfen
 oxytetracycline hydroxide
 paradichloro-benzene
 paraformaldehyde
 paraquat
 parathion
 pebulate
 pentachlorophenol
 permethrin
 phenmedipham
 phenylmercuric acetate
 phorate
 phosalone

MBR	ROD
MIS	I, H
MNK	VP
MTR	F
MTB	H
MTL	H
BAX	H
MEV	I
MOI	I, F
MOH	H
MOL	H
MSM	H
MON	H
MOO	H
MUS	VP
CRG	F
NAB	F
NAL	I
NBP	H
NAP	H
NAA	PGR
NPH	VP
GUM	I
BAS	VP
NIA	I
NIA	VP
NON	ADJ
MGK	Misc
OPE	ADJ
CIT	IR
LAV	IR
OAL	VP
AZA	VP
AXB	I
HQB	F
PTX	F
ODM	I
OXR	H
OXT	F
PDB	I, VP
PFH	F
PAQ	H
PTH	I
PEB	H
PCP	I, WP, H
PFL	I
PMP	H
PMA	F
PHR	I
PHS	I

phosmet
picloram amine salts
picloram, isooctyl ester or sodium salt
pindone
pine oil
piperonyl butoxide
pirimicarb
polymerized butenes
polyvinyl polymer adjuvant
potassium chromate
potassium dichromate
primary alcohol ethoxylate
prometon
prometryne
propachlor
propanil
propargite
propetamphos
propham
propiconazole
propoxur
propyzamide
pyrazon
pyrazophos
pyrethrins
quintozene
red squill
resmethrin
ronnel
rotenone
sethoxydim
siduron
silicon dioxide
simazine
soap
sodium chlorate mixtures
sodium fluoride
sodium metaborate octahydrate
sodium metaborate tetrahydrate
sodium monofluoroacetate
sodium pentachlorophenate
solan
streptomycin
strychnine, alkaloid or sulphate
sulfallate
sulfaquinoxaline
sulfotep
sulfoxide
sulphide sulphur
sulphur

PRT	I
PID	H
PIC	H
PIN	Rod
POI	F
PBU	I
PIR	I
POB	VP
PVP	ADJ
KCR	F
KDC	I
PAE	ADJ
PRM	H
PRO	H
PRP	H
PRL	H
OMI	I
PPF	I
PRF	H
PON	F
BAY	I
KRB	H
PYR	H
PYF	I
PYR	I
QTZ	F
RSQ	Rod
REZ	I
RON	I
ROT	I, VP
SOD	H
SID	H
SIO	I
SMZ	H
SOA	I, VP
SCL	H
SFL	I
SMM	H, WP
SMT	H
SUF	Rod
SPC	H
SLN	H
STN	F
STR	VP, Rod
SUA	H
SQS	Rod
SFT	I
SFD	I
SUS	I, F
SUL	I, F

sulphur, gaseous oxides
 tall oil fatty acids
 TCMBT
 tebuthiuron
 temephos
 terbacil
 terbufos
 terbuthylazine
 terbutryn
 tetrachloro-phenol
 tetrachlorvinphos
 tetradifon
 tetramethrin
 thiabendazole
 thiophanate-methyl
 thiram
 toxaphene
 triadimefon
 triallate
 tributyltin oxide
 trichlofon
 trichloroacetic acid
 trichlorobenzoic acid
 trifluralin
 triforine
 trimethylnonyl polyethoxy ethanol
 vernolate
 warfarin
 water soluble dyes
 zinc naphthenate
 zinc phosphide
 zineb
 ziram
 z-9-tricosene

SOE	Rod
TOF	ADJ
TCM	F
TEB	H
ABT	I
TER	H
COY	I
TBZ	H
TBT	H
TCP	WP
GAR	I
TED	I
NEO	I
TZL	F
TPM	F
THI	F,VP
TOX	I
TQB	F
TRL	H
BTO	WP
TRI	I
TCS	H
TBA	H
TRF	H
TRR	F
TMN	ADJ
VER	H
WAR	Rod
WAT	H
ZNN	WP
ZNP	Rod
ZIN	F
ZIR	F
TRN	I

By code

allyl alcohol	AAL	H, F
temephos	ABT	I
acetic acid	ACA	Misc
acrolein	ACL	H
acephate	ACP	I
aldicarb	ADC	I
hydramethylon	ADO	I
aldrin	ALD	I, WP
d-trans allethrin	ALM	I
alphachloralose	ALS	Rod
ammonium methyl arsonates	AMA	H
aminocarb	AMC	I
amitrole	AMI	H
4-aminopyradine	AMP	VP
ammonium sulphamate	AMS	H
ancymidol	ANC	PGR
anthracene oil	ANH	WP
antimycin	ANR	VP
ammonia	AOH	VP
aluminum phosphide	APL	I, Rod
asulam	ASM	H
asphalt solids	ASP	F
atrazine	ATR	H
auramine	AUR	F
difensoquat	AVG	H
cittowet	AYC	ADJ
Ornitrol bird chemosterilant	AZA	VP
benfluralin	BAL	H
barban	BAR	H
niclosamide	BAS	VP
metribuzin	BAX	H
propoxur	BAY	I
bromacil	BBU	H
bendiocarb	BDC	I
cyanazine	BDX	H
benazolin	BEN	H
bensulide	BET	H
benomyl	BML	F
borax anhydrous	BNA	WP
borax pentahydrate	BNP	H
borax	BNS	I, F, WP
boracic acid	BOA	I
bone oil	BON	VP
dienochlor	BPC	I
butoxypoly-propylene glycol	BPG	I
brodifacoum	BRF	Rod
bromadiolone	BRM	Rod

bromoxynil	BRY	H
Bacillus thurigiensis Berliner var kurstaki	BTB	I
Bacillus thurigiensis serotype H-14	BTH	I
desmedipham	BTL	H
tributyltin oxide	BTO	WP
benzoic acid	BZA	ADJ
benzene	BZE	I
bentazon	BZN	H
benzoylprop-ethyl	BZP	H
carbaryl	CAB	I
carbon disulphide	CAD	I
carbofuran	CAF	I
captan	CAP	F
capasaicin	CAS	IR, VP
chlormequat	CCC	PGR
cadmium chloride	CDD	F
cadmium sebacate	CDS	F
chlorflurecol methyl	CFM	PGR
chlofenvinphos	CFV	I
clofentazine	CFZ	I
cholecalciferol	CGO	Rod
chloramben	CHA	H
chlorthal dimethyl	CHL	H
chlorophacinone	CHP	Rod
crotoxyphos	CIN	I
chlopropham	CIP	H
oil of citronella	CIT	IR
chlordan	CLD	I, WP
chloroxuron	CLX	H
chloroneb	CNB	F
coal tar acids	COA	I, WP
coconut diethanolamide	COC	ADJ
coal tar oils	COO	I
coumaphos	COU	I
terbufos	COY	I
4-chlorophenoxy acetic acid	CPA	PGR
3 chloro-1,2 propanediol	CPD	Rod
chloropicrin	CPN	F, H, I
chloropicrin	CPN	Rod, WP
carbophenthion	CPR	I
m-cresol	CRG	F
chromic acid	CRO	WP
creosote	CRT	WP
chlorsulfuron	CSL	H
carbon tetrachloride	CTC	I
copper sulphate (tribasic)	CUB	F
copper napthenate	CUN	WP
copper oxide	CUO	WP
copper-8-quiniolate	CUQ	WP
copper sulphate	CUS	F, WP, H

copper, triethanolamine complex
copper oxychloride
copper, cupric hydroxide
cycloheximide
cypermethrin
dalapon
daminozide
dazomet
deltamethrin
dichlofluanid
dichlobenil
dicofol
dichlone
demeton
fenaminosulf
dimethyl alkyl
diflubenzuron
dichlorflurecol methyl
captafol
diazinon
dicamba
dielldrin
dichlorprop amine
dichlorprop H.V. esters
dichlorprop L.V. esters
dichloran
dimethoate
dinocap
diphenamid
diquat
disulfoton
dimethyl phthalate
dinoseb
dinitrocresol sodium salt
dinitrocresol
dinitrophenol
dodine
dodemorph-acetate
diphenylamine
2,4-DB butyl ester
diphacinone
diclofop-methyl
chlorinated C3 hydrocarbons
diethyl-m-toluamide
chlorpyrifos
diuron
dichlorvos
2,4-D acids, amines and salts
2,4-D acids, amines and salts
2,4-D H.V. esters

CUT H
CUY F
CUZ F
CYC F
CYM I
DAL H
DAM PGR
DAZ F, H
DBR I
DCA WP
DCB H
DCF I
DCH F
DEM I
DEX F
DFA ADJ
DFB I
DFM ADJ
DFT F
DIA I
DIC H
DIE I
DIG H
DIH H
DIH H
DIK F
DIM I
DIN I, F
DIP H
DIQ H
DIS I
DMP IR
DNB H
DNC I
DNC F
DNP WP
DOD F
DOM F
DPA F, I
DPB H
DPC Rod
DPP H
DSF F
DTU IR
DUB I
DUR H
DVP I
DXA H
DXB H
DXE H

2,4-D L.V. esters	DXF	H
2,4-D L.V. esters	DXG	H
fonofos	DYF	I
anilazine	DYR	F
ethylene dibromide	EDB	I
ethylene dichloride	EDC	I
ethalfluralin	EFR	H
ergocalciferol	EGO	Rod
ethyl hexanedoile	EHX	IR
endrin	END	I
endothal	ENT	H
eptam	EPT	H
endosulfan	ESF	I
1,2-ethanediol	ETA	ADJ
ethephon	ETF	PGR
ethion	ETH	I
ethylene oxide	ETO	I
ethirimol	ETR	F
ethoxyquin	ETY	F
fatty alcohols, N-decanol	FAA	PGR
fatty alcohols, N-decanol & N-octanol	FAB	PGR
fenbutatin oxide	FBT	I
flurecol methyl	FCM	PGR
fentin hydroxide	FEH	F
fensulfothion	FEL	I
fenitrothion	FEM	I
ferbam	FER	F
ferrous sulphate	FES	H
fenthion	FET	I, VP
fenvalerate	FEV	I
flucythrinate	FKR	I
flamprop-methyl	FLA	H
chlorfenac	FNC	H
fenoprop	FNP	H
folpet	FOL	F
formetanate hydrochloride	FOM	I
formaldehyde	FOR	F
fenoxaprop ethyl	FPE	H
fumarin	FUM	Rod
fluazifop-butyl	FZB	H
tetrachlorvinphos	GAR	I
glyodin	GLY	F
azinphos-methyl	GOO	I
glyphosate	GPS	H
natural gum resins	GUM	I
hydrogen cyanide	HCN	I, Rod
hydrogen cyanamide	HCY	H
heptachlor	HEP	I
oxine benzoate	HQB	F
indole-butyric acid	IBA	PGR

iodofenphos	IOJ	I
ioxynil	IOX	H
iprodione	IPD	F
iron napthenate	IRN	WP
isofenphos	ISF	I
potassium chromate	KCR	F
potassium dichromate	KDC	I
kinoprene	KPR	IGR
propyzamide	KRB	H
fosamine ammonium	KRE	H
lead arsenate	LAR	I
oil of lavender	LAV	IR
lindane	LIN	I
linuron	LUN	H
MCPA amine salts	MAB	H
MCPA esters	MAE	H
malachite green	MAG	F
maleic hydrazide	MAH	PGR
malathion	MAL	I
maneb	MAN	F
MCPA potassium and sodium salts	MAS	H
carbendazim-phosphate	MBD	F
methyl bromide	MBR	ROD
methyl bromide	MBR	H,I,F
MCPB sodium salt	MBS	H
mercuric chloride	MCC	F
mancozeb	MCZ	F
di-n-propyl isosinchomeronate	MDG	Misc
mecoprop potassium salt	MEA	H
mecoprop amine salts	MEC	H
methidathion	MED	I
mecoprop acid	MEE	H
methoychlor	MET	I
mevinphos	MEV	I
mefluidide	MFD	PGR
2,3,4,5-bis(2 butylene)tetra-hydro-2-furfural	MGB	Misc
2-hydroxyethyl N-octyl sulfide	MGH	Misc
N-octyl bicycloheptene dicarboxamide	MGK	Misc
methiocarb	MHB	I
metaldehyde	MHY	Moll
methyl isothiocyante	MIS	I, H
methomyl	MML	I
methyl nonyl ketone	MNK	VP
mineral oil-herbicidal	MOH	H
mineral oil	MOI	I, F
monolinuron	MOL	H
methamidophos	MOM	I
monuron	MON	H
monuron - TCA	MOO	H
chinomethionat	MOR	I

methoprene
 mercurous chloride
 monosodium methane arsonate
 metalaxyl
 metobromuron
 metolachlor
 metam
 metiram
 mustard oil
 naphthalene acetic acid
 nabam
 naled
 naptalam
 napropamide
 tetramethrin
 nicotine animal repellent
 nicotine
 nonylphenoxypolyethoxyethanol
 naphthalene animal repellent
 oil of lemon grass
 oxydemeton methyl
 propargite
 octylphenoxypolyethoxy ethanol
 oxamyl
 oxyfluorfen
 oxytetracycline hydroxide
 primary alcohol ethoxylate
 paraquat
 piperonyl butoxide
 pentachlorophenol
 paradichloro-benzene
 pebulate
 paraformaldehyde
 permethrin
 d-phenothrin
 phorate
 phosalone
 picloram, isooctyl ester or sodium salt
 picloram amine salts
 pindone
 pirimicarb
 phenylmercuric acetate
 phenmedipham
 polymerized butenes
 pine oil
 propiconazole
 propetamphos
 propham
 propanil
 prometon

MPR I
 MSC F
 MSM H
 MTA F
 MTB H
 MTL H
 MTM I, F, H
 MTR F
 MUS VP
 NAA PGR
 NAB F
 NAL I
 NAP H
 NBP H
 NEO I
 NIA VP
 NIA I
 NON ADJ
 NPH VP
 OAL VP
 ODM I
 OMI I
 OPE ADJ
 OXB I
 OXR H
 OXT F
 PAE ADJ
 PAQ H
 PBU I
 PCP I, WP, H
 PDB I, VP
 PEB H
 PFH F
 PFL I
 PHG I
 PHR I
 PHS I
 PIC H
 PID H
 PIN Rod
 PIR I
 PMA F
 PMP H
 POB VP
 POI F
 PON F
 PPF I
 PRF H
 PRL H
 PRM H

prometryne
 propachlor
 phosmet
 parathion
 oxycarboxin
 polyvinyl polymer adjuvant
 pyrazophos
 pyrazon
 pyrethrins
 quintozone
 resmethrin
 cycloate
 ronnel
 rotenone
 red squill
 crufomate
 sodium chlorate mixtures
 sulfoxide
 sodium fluoride
 sulfotep
 siduron
 silicon dioxide
 solan
 sodium metaborate octahydrate
 sodium metaborate tetrahydrate
 simazine
 dimetilan
 soap
 sethoxydim
 sulphur, gaseous oxides
 sodium pentachlorophenate
 sulfaquinoxaline
 streptomycin
 strychnine, alkaloid or sulphate
 sulfallate
 sodium monofluoroacetate
 sulphur
 sulphide sulphur
 butylate
 trichlorobenzoic acid
 terbutryn
 terbuthylazine
 TCMBT
 tetrachloro-phenol
 trichloroacetic acid
 tebuthiuron
 tetradifon
 terbacil
 chlorothalonil
 lampreycide

PRO H
 PRP H
 PRT I
 PTH I
 PTX F
 PVP ADJ
 PYF I
 PYR H
 PYR I
 QTZ F
 REZ I
 ROE H
 RON I
 ROT I, VP
 RSQ Rod
 RUE I
 SCL H
 SFD I
 SFL I
 SFT I
 SID H
 SIO I
 SLN H
 SMM H, WP
 SMT H
 SMZ H
 SNP I
 SOA I, VP
 SOD H
 SOE Rod
 SPC H
 SQS Rod
 STN F
 STR VP, Rod
 SUA H
 SUF Rod
 SUL I, F
 SUS I, F
 SUT H
 TBA H
 TBT H
 TBZ H
 TCM F
 TCP WP
 TCS H
 TEB H
 TED I
 TER H
 TET F
 TFM VP

isobormyl thiocyanacetate	THA	I
thiram	THI	F,VP
trimethylnonyl polyethoxy ethanol	TMN	ADJ
tall oil fatty acids	TOF	ADJ
toxaphene	TOX	I
thiophanate-methyl	TPM	F
triadimefon	TQB	F
etridiazole	TRB	F
trifluralin	TRF	H
trichlofon	TRI	I
triallate	TRL	H
z-9-tricosene	TRN	I
triforine	TRR	F
2,4,5-T amine	TXB	H
2,4,5-T H.V. esters	TXE	H
2,4,5-T L.V. esters	TXF	H
thiabendazole	TZL	F
vernolate	VER	H
carbathiin	VIT	F
hexazinone	VPR	H
warfarin	WAR	Rod
water soluble dyes	WAT	H
famphur	WAX	I
2,4-xylenol	XAY	F
zineb	ZIN	F
ziram	ZIR	F
zinc napthenate	ZNN	WP
zinc phosphide	ZNP	Rod

E. & O. E. (Errors and Omissions Excepted)

Codes:

H	herbicide
I	insecticide
IR	insect repellent
WP	wood preservative
F	fungicide
Rod	rodenticide
ADJ	adjuvant
VP	vertebrate pest
PGR	plant growth regulator
Misc	miscellaneous

**RESOURCE CENTRE
INST. FOR ENVIRON'L. STUDIES
UNIVERSITY OF TORONTO**



